

 [REDACTED]
PRINT WINDOW CLOSE WINDOW

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PAJ 01-01-95 07028368 JP **CLEANING DEVICE****INVENTOR(S)**- TANAKA, HIDEKI**PATENT APPLICATION NUMBER**- 05167917**DATE FILED**- 1993-07-07**PUBLICATION NUMBER**- 07028368 JP**DOCUMENT TYPE**- A**PUBLICATION DATE**- 1995-01-31**INTERNATIONAL PATENT CLASS**- G03G02110; G03G01500**APPLICANT(S)**- RICOH CO LTD**PUBLICATION COUNTRY**- Japan NDN- 043-0002-5336-1

PURPOSE: To prevent the generation of 'missing' at the time of cleaning and a failure in the cleaning by providing a heater warming up a cleaning blade and taking a cleaning action in 'a state where the temperature of the cleaning blade is over a glass transition point, with the heater.

CONSTITUTION: The heater 14 is provided on an L-shaped inside plane on the plate of a holder 12. When the main power source of a device is turned on, first, the heater in a fixing roller 8 is started to generate heat and simultaneously, the heater 14 is started to generate the heat by the control of a CPU 16. Then, the heat of the heater 14 is transmitted to the holder 12 and there, a cleaning blade 9, to warm up it. Time for warming up the cleaning blade 9 is set by the count number of a counter 15. A set count number and the output of the heater 14 are set with the count number, so that the temp. of the cleaning blade 9 is over the glass transition point, at least before the fixing roller 8 is preheated and a copying action can be taken. **COPYRIGHT:** (C)1995,JPO

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